:

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Similarity matrix
Mismatch penalty
Gap penalty
Gap size penalty
Cutoff score
Randomization group
A 100% identical sequence to the query sequence was not found.
                       The scores below are sorted by initial score. Significance is calculated based on initial score.
                                                                    Number of residues:
Number of sequences searched:
Number of scores above cutoff:
                                                                                                                                 Times:
                                                                                                                                                                                                                                                                                                                                                           0 8 9 5 8 5 9 8 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       n O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scores:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery sequence being compared:US-09-765-231A-58 (1-225)
Number of sequences searched:
2
Number of scores above cutoff:
2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Results file us-09-765-231a-58.res made by sdavid on Tue 1 Oct 102 12:40:41-ppT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FastDB • Fast Pairwise Comparison of Sequences Release 5.4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  50-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Results of the initial comparison of US-09-765-231A-58 (1-225) with: File : chen231.seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IntelliGenetics
                                                                                                                                                                                                                                                                                                                                   18
                                                                                                                CPU
00:00:00.00
                                                                                                                                                                                                                                                       Onitary
1
                                                                                                                                                  Mean
139
                                                                                                                                                                                                                              1.00
                                                                                                                                                                                                                                                                                                                                 54
                                                                                                                                                                                 SEARCH STATISTICS
                                                                                                                                                                                                                                                                                    PARAMETERS
                                                                                                                                                                                                                                                                                                                                72
                                                                                                                                                                                                                                       K-tuple
Joining penalty
Window size
                                                                                                                                                 Median
118
                                                                     665
2
2
                                                                                                                                                                                                                                                                                                                               107
                                                                                                                                                Standard Deviation 31.11
                                                                                                               Total Elapsed 00:00:00:00.00
                                                                                                                                                                                                                                                                                                                     125
                                                                                                                                                                                                                                       30
32
                                                                                                                                                                                                                                                                                                                   1 191
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The list of best scores is:

AA502552 Length: 341 October 1, 2002 12:36 Type: N Check: 4648 Initial Score	L at: 1	Hominidae; Homo. ap. natomy Project (CG natomy Michael R. n, Ph.D.	eck: 4648 from: 1 to: 341 NCI_CGAP_Lip2 Homo sapiens cDNA clone IMAGE:93939 GI:2237519 Metazoa: Chordata: Crantata: Vortabrata, Estatua	ence Name Description Length Score Sig aa502552 TOIG of: aa502552 check: 464 341 161 208 0.71 . a1247782 TOIG of: a1247782 check: 654 324 117 117 -0.71 s-09-765-231A-58 (1-225) a502552 TOIG of: aa502552 check: 4648 from: 1 to: 341
8	mation can be	Homo. ect (CGAP),	T 19-AUG-1:939394, m	S1g. 0.7 -0.7

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Initial Score **
Residue Identity **
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE
AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOURCE
ORGANISM
                                                                                                                                                                      BASE COUNT
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMMENT
                                                                                                                              AI247782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KEYWORDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           VERSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ACCESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DEFINITION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOIG of: a1247782 check: 6549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE
60 70 80 90 100 110 120 CTATATTGGTTTACCTTCAGAAGAATATTTAGTTTCACTCAGGTTTTTCAAAGCTACGCTGTCCCCCAAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TTTTTTTTTTTTGCCCTGCAAATAACAGAAAACTGATTACCGGTGTAGGAGATAAAGTGAT 210 x 220 230 240 250 260
                                                                                                                                                                                                                                                                                                                                                                                                                                       source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 220
                                                                                                                       Length: 324 October 1, 2002 12:37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
This clone is available royalty-free through LLNL; contact the
TMAGE Consortium (info@image.llnl.gov) for further information.
IMAGE Consortium (info@image.llnl.gov)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   324 bp mRNA linear EST 01-DEC-
qh61a07.x1 Soares_fetal_liver_spleen_lNFLS_S1 Homo sapiens cDNA
clone IMAGE:1849140 3', mRNA sequence.
AI247782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 324)
NCI-GAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: -400P from Gibco
High quality sequence stop: 317.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AI247782.1 GI:3843179
                                                                                                                                                                      105
                                                                                                                                                         100%
                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="IMAGE:1849140"
                                                                                                                                                                                                                                                                                                                                                                  /sex="male"
                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="Soares_fetal_liver_spleen_lNFLS_S1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                              Optimized Score
                                                                                    Matches
                                                                 Conservative Substitutions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Chordata;
Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  from: 1 to: 324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
                                                                                                                       Type: N Check: 6549
                                                                               117
117
                                                                            Significance - Mismatches -
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6
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                                                                                        -0.71
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